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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/747,741	12/22/2000	Thomas Lee Adams	7780/6(T00328)	4606

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EXAMINER

LANIER, BENJAMIN E

ART UNIT	PAPER NUMBER
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2132

DATE MAILED: 04/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/747,741	Applicant(s) ADAMS, THOMAS LEE	
	Examiner Benjamin E Lanier	Art Unit 2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,5,6,8,9,12,16,18,19 and 22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3,5,6,8,9,12,16,18,19 and 22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.


Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


KAMBIZ ZAND
PRIMARY EXAMINER

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The amendment filed 03 April 2006 is objected to under 35 U.S.C. 132(a) because it introduces new matter into the disclosure. 35 U.S.C. 132(a) states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows: the authentication key is provided to the destination server independent of said request to access said secured service. The specification never discloses that the request for access to a secured service does not include an authentication. The specification also doesn't support the authentication key being transmitted **independent** of a request for access.

Applicant is required to cancel the new matter in the reply to this Office Action.

Response to Arguments

2. Applicant's arguments filed 03 April 2006 have been fully considered but they are not persuasive. Applicant's argument the Maria reference does not disclose providing an authentication key to the destination server independently of a request to access said secured service is not persuasive because Maria discloses that the key server provides the current key to network authenticating node that controls access to the requested network element before the actual request is forwarded to the authenticating node (Col. 3, lines 41-44 & Claim 1).

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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4. Claims 1, 3, 5, 9, 12, 16 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The added material which is not supported by the original disclosure is as follows: the authentication key is provided to the destination server independent of said request to access said secured service. The specification never discloses that the request for access to a secured service does not include an authentication. The specification also doesn't support the authentication key being transmitted **independent** of a request for access.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1, 3, 5, 6, 8, 9, 12, 16, 18, 19, 22 are rejected under 35 U.S.C. 102(e) as being anticipated by Maria, U.S. Patent No. 6,256,735. Referring to claims 1, 3, Maria discloses a method for limiting access to network elements wherein a user requests access to a given network element (Col. 2, lines 6-7) by providing identification information and ANI telephone number information (Col. 3, lines 45-53), which meets the limitation of receiving a telephone number signal from a calling source. ANI is a network service that delivers the phone number or billing number of a calling party, and a calling party requires a called party with a corresponding

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telephone number, which meets the limitation of said telephone number signal indicating said at least one destination server. Using the identification information, it is determined, at a key server (Col. 2, lines 7-8), whether the identified user is authorized to access the network element (Col. 3, lines 57-59), which meets the limitation of identifying a directory number corresponding to said calling source in response to receiving said telephone number signal, determining if said calling source has authorization to the secured service provided by said at least one destination server. The key server contains a database (Col. 2, lines 28-29). If the user is permitted to access the element then the authentication key, from the key server/database is included with the request and forwarded to the network element (Col. 2, lines 9-13), which meets the limitation of retrieving an authentication key from a database when said calling source has authorization to said secured service, providing said authentication key to said at least one destination server. Maria discloses that the key server provides the current key to network authenticating node that controls access to the requested network element before the actual request is forwarded to the authenticating node (Col. 3, lines 41-44 & Claim 1), which meets the limitation of a request to access a secured service, providing said authentication key to said at least one destination server independent of said request to access said secured service.

Referring to claims 5-7, Maria discloses a method for limiting access to network elements wherein a user requests access to a given network element (Col. 2, lines 6-7) by providing identification information and ANI telephone number information (Col. 3, lines 45-53). ANI is a network service that delivers the phone number or billing number of a calling party, and a calling party requires a called party with a corresponding telephone number. Using the identification information, it is determined, at a key server (Col. 2, lines 7-8), whether the identified user is

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authorized to access the network element (Col. 3, lines 57-59). The key server contains a database (Col. 2, lines 28-29). The key server is a network authentication node that has a service control point, and a switch associated with it (Col. 3, lines 9-12), which meet the limitation of providing a trigger to a switch, said trigger indicating an attempt by a calling source to establish a communication link with at least one destination server, operating said switch to provide a query to a service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said at least one destination server. If the user is permitted to access the element then the authentication key, from the key server/database is included with the request and forwarded to the network element (Col. 2, lines 9-13), which meets the limitation of wherein said service control point provides an authentication key from a database in response to said query when a directory number corresponding to said calling source is stored within said database, operating said service control point to provide said authentication key to at least one key server in communication with said at least one destination server and said at least one key server provides said authentication key to said at least one destination server, operating said at least one key server to provide said authentication key to said at least one destination server. Maria discloses that the key server provides the current key to network authenticating node that controls access to the requested network element before the actual request is forwarded to the authenticating node (Col. 3, lines 41-44 & Claim 1), which meets the limitation of a request to access a secured service, providing said authentication key to said at least one destination server independent of said request to access said secured service.

Referring to claim 8, Maria discloses that the key can be periodically updated with new key information (Col. 2, lines 65-67), which meets the limitation of operating said service control point to remove said authentication key from said at least one key server.

Referring to claim 9, Maria discloses a method for limiting access to network elements wherein a user requests access to a given network element (Col. 2, lines 6-7) by providing identification information and ANI telephone number information (Col. 3, lines 45-53). ANI is a network service that delivers the phone number or billing number of a calling party, and a calling party requires a called party with a corresponding telephone number. Using the identification information, it is determined, at a key server (Col. 2, lines 7-8), whether the identified user is authorized to access the network element (Col. 3, lines 57-59). The key server contains a database (Col. 2, lines 28-29), which meets the limitation of a database operable to store a set of authorized directory number and an authentication key. The key server is a network authentication node that has a service control point, and a switch associated with it (Col. 3, lines 9-12), which meet the limitation of providing a trigger to a switch, said trigger indicating an attempt by a calling source to establish a communication link with at least one destination server, said switch is operable to provide a query to a service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said at least one destination server. If the user is permitted to access the element then the authentication key, from the key server/database is included with the request and forwarded to the network element (Col. 2, lines 9-13), which meets the limitation of said service control point to retrieve an authentication key from a database in response to said query when a directory number corresponding to said calling source is stored within said database, operating said service

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control point to provide said authentication key to at least one key server in communication with said at least one destination server, operating said at least one key server to provide said authentication key to said at least one destination server, said service control point is further operable to provide said authentication key to at least one key server in communication with said at least one destination server. Maria discloses that the key server provides the current key to network authenticating node that controls access to the requested network element before the actual request is forwarded to the authenticating node (Col. 3, lines 41-44 & Claim 1), which meets the limitation of a request to access a secured service, providing said authentication key to said at least one destination server independent of said request to access said secured service.

Referring to claims 12, 18, Maria discloses a method for limiting access to network elements wherein a user requests access to a given network element (Col. 2, lines 6-7) by providing identification information and ANI telephone number information (Col. 3, lines 45-53), which meets the limitation of operating a calling source to provide a telephone number signal to a communication network, at least one destination server, a communication network in communication with said calling source and said at least one destination server, said communication network is further operable to establish a communication link between said calling source and said at least one destination server in response to said telephone number signal, operating said communications network to establish a communication link between said calling source and said at least one destination server. ANI is a network service that delivers the phone number or billing number of a calling party, and a calling party requires a called party with a corresponding telephone number, which meets the limitation of said telephone number signal indicating said at least one destination server. Using the identification information, it is

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determined, at a key server (Col. 2, lines 7-8), whether the identified user is authorized to access the network element (Col. 3, lines 57-59), which meets the limitation of at least one key server in communication with said at least one destination server and said communication server, operating said communication network to determine if a directory number corresponding to said calling source in response to receiving said telephone number signal, determining if said calling source is listed within a set of authorized directory numbers stored within said communication network. The key server contains a database (Col. 2, lines 28-29). If the user is permitted to access the element then the authentication key, from the key server/database is included with the request and forwarded to the network element (Col. 2, lines 9-13), which meets the limitation of operating said communication network to provide an authentication key from a database to said at least one key server in communication with said at least one destination server when said directory number is listed within said set of authorized director numbers, said at least one key server is operable to provide said authentication key to said calling destination, said at least one destination server is operable to provide said authentication key through said communication link to said calling source, operating said at least one key server to provide said authentication key to said at least one destination server. Maria discloses that the key server provides the current key to network authenticating node that controls access to the requested network element before the actual request is forwarded to the authenticating node (Col. 3, lines 41-44 & Claim 1), which meets the limitation of a request to access a secured service, providing said authentication key to said at least one destination server independent of said request to access said secured service.

Referring to claim 22, Maria discloses a method for limiting access to network elements wherein a user requests access to a given network element (Col. 2, lines 6-7) by providing

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identification information and ANI telephone number information (Col. 3, lines 45-53), which meets the limitation of said communication network includes an advanced intelligent network.

Figure 1 shows a client workstation (101).

Referring to claim 19, Maria discloses that the key can be periodically updated with new key information (Col. 2, lines 65-67), which meets the limitation of said communication network is further operable to remove said authentication key from said communication network after providing said authentication key to said at least one key server.

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin E. Lanier whose telephone number is 571-272-3805.

The examiner can normally be reached on M-Th 7:30am-5:00pm, F 7:30am-4pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Benjamin E. Lanier



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